# ELECTRICALLY CONDUCTIVE COMPOSITIONS AND METHOD OF MANUFACTURE THEREOF

Abstract

A method for manufacturing a composition comprises blending a polymeric resin, carbon nanotubes and a plasticizer at a viscosity effective to maintain the ratio of resistivity in the direction parallel to the flow direction to that in the direction perpendicular to the flow direction to be greater than or equal to about 0.15. A method of manufacturing a composition comprises blending a polyphenylene ether resin with a polyamide resin to form a melt blend; blending a nylon masterbatch comprising carbon nanotubes with the melt blend; blending water into the melt blend; and removing water from the melt blend.